4-25-1986

Spa Monitoring and Regulating System

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Completion Report of the Spa Monitoring and Regulating System

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April 25, 1986

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ABSTRACT

OF

COMPLETION REPORT OF THE SPA

MONITORING AND REGULATING SYSTEM.

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The system is now operational and is being packaged. The system is being developed to overcome the problem of no monitoring and poor regulation of water temperature along with the inconvenient method of pH monitoring. Under the current system optimum water temperature is only achieved once a day and water pH levels are continuously neglected posing a health risk.

This report contains technical data on the digital temperature meter, pH measuring circuit, and the temperature regulator. All three circuits are illustrated and their operation explained. Calculations and manufacturers data sheets are in the appendixes.